

### IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method comprising:  
providing a book consisting of one or more pages of printed material;  
defining, using a first computer system, an object on a digital page image wherein the digital page image represents at least one page of the one or more pages of printed material; ~~and~~  
linking, using the first computer system, a position of the object on the digital page image to a related response to be performed by a second computer system, wherein the position of the object on the digital page image corresponds to a physical position in the one or more pages of printed material which is identified by the second computer system when the book has been placed in a printed material holder by a user, the printed material holder being coupled to the second computer system, wherein the position on the digital page image is defined by a relative position of the book to a known physical location of the printed material holder, ~~and~~  
generating a database external to the second computer system, the database comprising a book content database, a multimedia database, and an action library including related response information corresponding to the position of the object;  
determining a position of an object selected by the user using the second computer system; and  
receiving response information from the database, the response information corresponding to the object selected by the user; and  
performing said response on the second computer, said response comprising playing an audio file.  
~~wherein the related response to be performed by the second computer system comprises rendering multimedia content to be provided to the user while reading the book and linked to the position of the object; and~~  
~~wherein the multimedia content is different from the object.~~
2. (Currently Amended) The method of claim 1, wherein the response further

comprises at least one of ~~rendering audio content~~, rendering video content, rendering image content, and rendering text content, ~~and performing an action by the second computer system.~~

3. (Currently Amended) The method of claim 2, wherein the further comprising ~~generating a multimedia database~~ comprises to store digital multimedia content including ~~at least one of~~ audio content, video content, image content, and text content; wherein the a-printed material content database includes to store positional information about objects on the digital page images and linkage information between the objects on the digital page images and at least one of the multimedia contents and actions; and wherein the an-action library includes to store directives for actions to be performed on the second computer system.

4. (Previously Presented) The method of claim 2, wherein defining the object on the digital page image comprises using an electronic pen to outline boundaries of the object on the digital page image.

5. (Previously Presented) The method of claim 2, wherein defining the object on the digital page image comprises using an electronic pen to select key points on the boundary of the object on the digital page image.

6. (Previously Presented) The method of claim 2, wherein defining the object on the digital page image comprises using a mouse to manipulate a graphical object on a display to encapsulate the boundary of the object on the digital page image as displayed on the display.

7. (Previously Presented) The method of claim 2, wherein defining the object on the page comprises using a mouse to select key points on the boundary of the object on the page as displayed on a display.

8. (Cancelled)

9. (Previously Presented) The method of claim 2, wherein the one or more pages of printed material comprises material generated by a user.

10. (Currently Amended) A non-transitory computer readable storage medium having a plurality of machine accessible instructions stored thereon, wherein when the instructions are executed by a processor, the instructions cause the processor to:

define an object on a digital page image representing a page of printed material wherein the page of printed material is included in a book consisting of one or more pages of printed material; and

link a position of the object on the digital page image to a related response to be performed by the computer system, wherein the position of the object on the digital page image corresponds to a physical position in the one or more pages of printed material which is identified by a computer system when the book has been placed in a printed material holder by a user, the printed material holder being coupled to the computer system, wherein the position on the digital page image is defined by a relative position of the book to a known physical location of the printed material holder, ~~and~~

generate a database external to the second computer system, the database comprising a book content database, a multimedia database, and an action library including related response information corresponding to the position of the object;

determine a position of an object selected by the user using the second computer system;  
and

receive response information from the database, the response information corresponding to the object selected by the user; and

perform said response on the second computer, said response comprising playing an audio file.

~~wherein the related response to be performed by the computer system comprises rendering multimedia content to be provided to the user while reading the book and linked to the position of the object; and~~

~~wherein the multimedia content is different from the object.~~

11. (Currently Amended) The non-transitory medium of claim 10, wherein the response further comprises at least one of ~~rendering audio content~~, rendering video content, rendering image content, and rendering text content, ~~and performing an action by the computer system.~~

12. (Currently Amended) The non-transitory medium of claim 11, wherein the further comprising instructions for generating a multimedia database comprises to store digital multimedia content including ~~at least one of~~ audio content, video content, image content, and text content; wherein the a-printed material content database includes to store positional information about objects on the digital page images, and linkage information between the objects on the digital page images and at least one of the multimedia contents and actions; and wherein the an-action library includes to store directives for actions to be performed on the computer system.

13. (Previously Presented) The non-transitory medium of claim 11, wherein instructions for defining the object on the digital page image comprise instructions for using an electronic pen to outline boundaries of the object on the digital page image.

14. (Previously Presented) The non-transitory medium of claim 11, wherein instructions for defining the object on the digital page image comprise instructions for using an electronic pen to select key points on the boundary of the object on the digital page image.

15. (Previously Presented) The non-transitory medium of claim 11, wherein instructions for defining the object on the digital page image comprise instructions for using a mouse to manipulate a graphical object on a display to encapsulate the boundary of the object on the digital page image as displayed on the display.

16. (Previously Presented) The non-transitory medium of claim 11, wherein instructions for defining the object on the digital page image comprise instructions for using a mouse to select key points on the boundary of the object on the digital page image as displayed

on a display.

17. (Cancelled).

18. (Previously Presented) The non-transitory medium of claim 11, wherein the one or more pages of printed material comprises material generated by a user.

19. (Currently Amended) A system ~~An apparatus~~ comprising:

a pointing device to determine a position on a page of printed material wherein the page of printed material is included in a book consisting of one or more pages of printed material, wherein the book is to be placed on a printed material holder by a user, and wherein the position on the one or more pages of printed material is defined by a relative position of the book to a known physical location of the printed material holder;

a communicating device coupled to the printed material holder to transmit the position to a computer system;

a maker component to define an object on a digital page image representing a page of the printed material; and to link a position of the object on the digital page image to a related response to be performed by the computer system, wherein the related response to be performed by the computer system comprises rendering multimedia content to be provided to the user while reading the book and linked to the position of the object, wherein the multimedia content is different from the object; and

a player component to correlate the pointed position to selected content associated with the printed material, the selected content being accessible by the computer system; and to provide a valid response to the user based at least in part on the pointed position and the correlated content, wherein the valid response includes at least one of rendering audio content, rendering video content, rendering image content, rendering text content, and performing an action by the computer system.

20. (Currently Amended) The system ~~apparatus~~ of claim 19, wherein the pointing device comprises an electronic pen.

21. (Currently Amended) The system ~~apparatus~~ of claim 19, further comprising a multimedia database to store digital multimedia content, a printed material content database to store positional information about objects on the digital page images and linkage information between the objects on the digital page images and at least one of the multimedia contents and actions, and an action library to store directives for actions to be performed on the system.

22. (Currently Amended) The system ~~apparatus~~ of claim 19, wherein the printed material comprises material generated by a user.